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July 2, 1953

USEPA SF



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To: Mr. J. J. Winn Jr.

From: D. M. Charleson Jr.

Subject: Monthly Progress Report - Dry Docks & Dredging Dept. June 1953

Swan Island Drydocks:

Navy dock (YFD-69) was occupied 336 hours 50 minutes or 46.78% of the total time.

No. 2 drydock was occupied 505 hours 55 minutes or 70.27% of the total time.

Berthing spaces at Swan Island were in use 53.01% of the total possible foot days.

Work done during the month included the following items:

1 Prepared for the moving of No. 1 drydock which included fabrication of a steel base for the motor generator set, stringing approx. 2,000 feet of electrical cable, the moving of the motor and generator, the installation and wiring of controls and the repair and painting of two portable buildings.

2 Moved No. 1 drydock to Swan Island. The dock was moved in one tow with the aid of the "George W" the "Chinook" and the "Portland"

3 Caulked seams in No. 3 and No. 4 pontoons of No. 2 drydock.

4 Painted inside of control house on the Navy dock.

5 Repaired 400 sq. ft. of decking on outfitting dock near berth #3.

6 Repaired staging and cut new blocks for the drydocks.

7 Repaired wooden false decking on the Navy dock.

8 Removed debris from under new pier.

9 Repaired one impeller for main pump of the Dredge "Clackamas"

10 Installed electrical equipment in sub-station "D" to provide ship service at berth #4.

11 Compressor operators painted the floor in the compressor room.

## Monthly Progress Report (continued)

St. Johns Drydock:

No. 1 drydock was occupied 70 hours or 9.72% of the total time.

Work at St. Johns during the month consisted almost entirely of preparing No. 1 drydock for moving and the moving of all stores, equipment and records. The last load was moved June 30 and all personnel were moved to Swan Island.

The Dredge "Multnomah" was undocked June 4 and the use of No. 1 drydock was discontinued at that time.

During the period from June 2 to June 30 the Drydocks were under the supervision of Mr. James Healy who was relieved by the undersigned at 4:30 P.M. June 30th.

The following dockings and undockings took place during the month:

<u>Docking Number</u>	<u>Date Docked</u>	<u>Name of Vessels</u>	<u>Date Undocked</u>	<u>Dock Nos.</u>
5401-281	(5/25)	S/S George Luckenbach	6/4	N
5403	(5/28)	Pilot Ship Columbia	6/4	1
5404	(5/30)	S/S John Weyerhaeuser	6/2	2
5405	6/1	Dredge Multnomah	6/4	1
5406	6/2	S/S Tarleton Brown	6/3	2
5407-282	6/4	S/S Horace Luckenbach	6/7	N
5408	6/5	S/S Island Mail	6/6	2
5409	6/6	S/S Charles Crocker	6/7	2
5410	6/7	Dredge Pacific	6/12	2
5411	6/8	Barge 507	6/11	2
5412-283	6/9	USS LSM 474	6/17	N
5413-284	6/9	USS LSTL 655	6/17	N
5414	6/12	S/S John W. Burgess	6/13	2
5415	6/15	S/S Wyoming	6/16	2
5416	6/17	S/S John W. Powell	6/20	2
5417-285	6/18	Tug George Birnie	6/19	N
5418	6/21	Tug Go Getter	6/22	2
5419-286	6/22	S/S Seacoronet	6/24	N
5420	6/23	S/S Fribourg Trader	6/25	2
5421-287	6/24	Tug Go Getter	6/24	N
5422	6/25	USS LSM 84		2
5423	6/25	M/V De Etta	6/26	2
5424	6/29	Tug Western	6/29	2

Monthly Progress Report (continued)

Dredging Department:

During June 1953 the Dredge "Clackamas" worked in the Portland Harbor. From June 1 to June 11 a shoal was removed near West Coast Terminals. Yardage removed from this shoal was 181,690 cubic yards. The material, mostly silt with the remainder being fine sand, was pumped to the Port property in Mocks Bottom, the discharge being near the southerly boundry of the property.

On June 12 the Dredge moved to the downstream end of Swan Island to remove a shoal which was obstructing the entrance to the Swan Island Basin as well as restricting turning room for ships backing out of the Tanker Basin. A cut 1,900 feet long and 400 feet wide was dug to elevation - 34 U.S.E.D. datum. Volume removed was 310,280 cubic yards. Some of the material was found to be heavy sand but the silt and clay making up the remainder forced the shore crew to extend a shore pipe line from the northerly end of the property to the southerly end where the greater distance from the spillway gave better results in settling out the material carried in suspension.

Summary:

Total cu. yds. dredged this month	491,970
Billing to U.S.E.D. for June 1953	\$70,514.36
Cost per cu. yd. to U.S.E.D. this month	14.4¢
Avg. cu. yds. per dredging hour	1,219

At midnight June 30 the Dredge "Clackamas" ceased operations near Swan Island and started moving to Post Office Bar. The Dredge started digging at Post Office Bar at 6:00 P.M. July 1 The spoils being discharged on the (b) (6) Estate property with drainage thru Ramsey Lake to Ogden Slough spillway.

During the month of June the dredging operations were supervised by D. M. Charleson Sr. who was relieved by the undersigned at 4:30 P.M. June 30th.



Marine Supt.